THE NILES PRESS
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THE PENNSYLVANIA MUSEUM AND SCHOOL OF INDUSTRIAL ART

SCHOOL OF INDUSTRIAL ART

CIRCULAR

1919–1920

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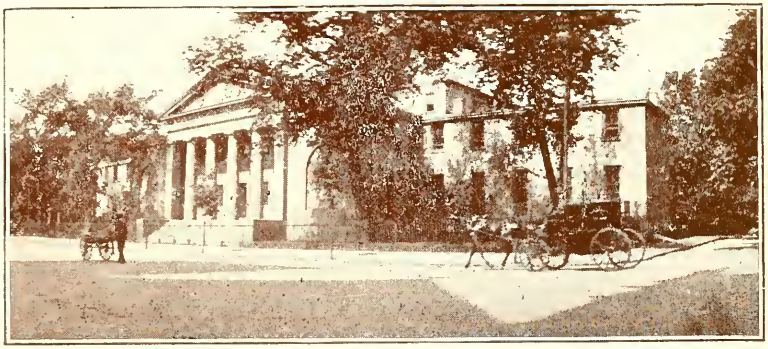
Original Illustration by Frances Hunter
A Member of the Illustration Class

THE PENNSYLVANIA MUSEUM AND SCHOOL OF INDUSTRIAL ART



CIRCULAR

SCHOOL OF INDUSTRIAL ART

FORTY-THIRD SEASON

1919-1920

DESIGN · INTERIOR DECORATION
INDUSTRIAL ART (TEACHERS' COURSE)
ILLUSTRATION · COSTUME DESIGN

DAY · EVENING · SATURDAY
SUMMER CLASSES

MEMBERSHIP IN THE CORPORATION

A list of members is published each year in the Annual Report.

The Trustees of the Pennsylvania Museum and School of Industrial Art desire the active co-operation of all public-spirited citizens who are in sympathy with its work. The institution has only the nucleus of an endowment and depends for its support, in addition to the very moderate fees for tuition, and appropriations from the City and State, on the dues of members, of which there are four classes, viz:

PATRON MEMBERS IN PERPETUITY:—Those who contribute the sum of $5,000 or more, whether in money or objects for the institution.

FELLOWSHIP MEMBERS IN PERPETUITY:—Those who contribute $1,000 at one time.

LIFE MEMBERS:—Those who contribute the sum of $100 or more at one time.

ANNUAL MEMBERS:—Those who contribute not less than $10 yearly.

ALL MEMBERS are entitled to the following benefits: The right to vote and transact business at the Annual Meeting. Invitations to all general receptions and exhibitions held at the Museum and the School. Free access to the Museum and School Libraries and admission to all lectures. Also a copy of each of the following publications: The Annual Report of the Corporation, The Art Handbooks, Art Primers, The Illustrated Bulletin of the Museum and circulars.

(A printed list of publications will be mailed to any member on application.)

Applications for membership and remittances should be sent to the Secretary, Leslie W. Miller, at the School, Broad and Pine Streets, Philadelphia, Pa.

OFFICERS FOR 1919

President—Theodore C. Search
Vice-Presidents—John Story Jenks, John G. Carruth
Treasurer—James Butterworth
Assistant Treasurer—James L. Allan
Secretary and Principal of the Schools—Leslie W. Miller
Director of the Museum—Langdon Warner
Counsel—Franklin Spencer Edmonds, Esq.

BOARD OF TRUSTEES

Ex-Officiis

The Governor of the State
The Mayor of the City

By Appointment

James Butterworth, Appointed by the State Senate
(Vacancy) Appointed by the House of Representatives
Charles H. Harding, Appointed by Select Council
John G. Carruth, Appointed by Common Council
Edward T. Stotesbury, Appointed by the Commissioners of Fairmount Park

Elected by Members

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Charles Bond
John Gribbel
Mrs. Henry S. Grove
John Story Jenks
Gustav Ketterer
John H. McFadden
John D. McIlhenny
Mrs. Arthur V. Meigs
Eli Kirk Price
Walter H. Rossmässler
Theodore C. Search
Edgar V. Seeler
Countess of Santa Eulalia
James F. Sullivan
William Wood
Joseph Widener

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John Story Jenks
Edgar V. Seeler
Gustav Ketterer
Mrs. W. T. Carter
Mrs. Wm. D. Frishmuth
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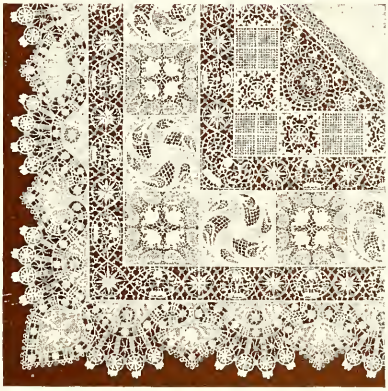
Edgar V. Seeler
James F. Sullivan
William Wood
Miss Nina Lea
Mrs. Arthur V. Meigs
Mrs. James Mifflin
Mrs. Thomas Roberts
Mrs. John Wister
Mrs. Jones Wister
Mrs. Rudolph Blankenburg, *ex-officio*

The President is ex-officio a member of all committees.

ADVISORY COMMITTEE

Alice Barber Stephens	Illustration
Violet Oakley	Illustration
George Walter Dawson	Illustration
Edgar V. Seeler	Architecture
Gustav Ketterer	Interior Decoration
Frances Darby Sweeney	Stained Glass
G. Gerald Evans	Furniture
Herbert D. Allman	Wall Papers
J. L. Ketterlinus	Lithography
Sarah G. Altemus	Costume
Kennard J. Kornbau	Metal Work
Edward Stern	Commercial Illustration and Printing
E. Lawrence Fell	Typographical Design



Original Design for Lace
By a Student of the Design Class

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** All programs are subject to change*

FACULTY

Leslie W. Miller
Principal, Lecturer in Art History, Principles and Methods

Howard Fremont Stratton
Director, School of Industrial Art

Charles Thomas Scott	Structural Design
Helen Augusta Fox	Surface Design
J. Frank Copeland	Interior Decoration
Thornton Oakley, B.S., M.S	Illustration
Otto Frederick Ege	Teachers' Couse
Mary Pickering Dow	Costume Design
Edward Warwick	Structural Drawing
Ida Evelyn Macfarlane	Color, Methods of Teaching
Mrs. Isabella B. Bailey	Nature Study
Herman Deigendesch	Drawing
Mabel Bruce Hall	Drawing
Katherine Norcross Lynn	Drawing
Albert Jean Adolph	Drawing
H. Edwin Rieger	Drawing
Bertram Sidney Chadwick	Technical Design
Otilie Bachman	Design
John Ray Sinnock	Modeling
Frederick Knight	Rendering
Elmer Lukens	Woodwork
Samuel Yellin	Wrought Iron
Mrs. Cornelius Stevenson	Curators' Course
Edward T. Boggs	Architectural Drafting
Wetherill P. Trout	Building Construction
Katherine DeW. Berg	Librarian
Jas. L. Allan	Registrar
Charlotte Ray Smith	Assistant Registrar

CALENDAR

SCHOOL YEAR 1919-1920

SEPTEMBER

Thursday, 18—Examination for Admission to Day Classes
Friday, 19; Saturday, 20—Registration Days
Monday, 22—Sessions of Day Classes begin
Wednesday, 24, 7 P. M.—Registration of Students in Evening Classes
Monday, 29—Sessions of Evening Classes begin

OCTOBER

Saturday, 4—Saturday Class begins

NOVEMBER

Thursday, 27; Friday, 28; Saturday, 29—Thanksgiving Holidays. School closed

DECEMBER

Monday, 22, to Saturday, January 3—Christmas Holidays. School closed

JANUARY

Monday, 5—School reopens

MARCH

Saturday, 20—Sessions of Saturday Classes end
Wednesday, 24—Sessions of Evening School end

APRIL

Good Friday, 2, to Monday, 5—Easter Holidays. School closed
Tuesday, 6—School reopens

MAY

Thursday, 20—Annual Commencement and Exhibition

JULY

Monday, 5—Opening of four weeks' Summer Session
Friday, 30—Summer classes end

Applicants may register at any time before the beginning of the School Year (See page 34).

Medals awarded displays of the work of students of the School of Industrial Art at various expositions.

By a member of the Illustration Class

DAY CLASSES

COURSE IN INDUSTRIAL DRAWING

Class A

INSTRUMENTAL DRAWING:—Geometrical drawing, nets and tracery; scale drawing; mechanical perspective, shadow and orthographic projection.

CAST DRAWING:—Study for proportion, construction and the separation of light and shade, from casts of various parts of the human figure, animals, etc. Training in memory drawing.

HISTORIC ORNAMENT AND WATER COLOR RENDERING:—The Egyptian, Byzantine and Saracenic styles of ornament are studied for purposes of original adaptations. Water color renderings are made in the School and museums, from casts and objects of these periods. Lectures, research, and written papers supplement this course.

LETTERING:—Lectures on the origin and evolution of the alphabet, appreciation of manuscript, formal hands and type faces. Principles of lettering, with practice in pencil, brush and pen forms.

ELEMENTARY DESIGN AND BRUSH WORK:—Brush exercises, division of space by lines, tones, executed freely to develop inventiveness. Brush studies in color of nature forms for purposes of design.

MODELING:—Modeling various ornamental elements in different degrees of relief for the appreciation of expression in a plastic medium. Exercises are given in interpretation of historic examples and modeling original forms.

PERSPECTIVE:—Theory of parallel, angular and aerial perspective, sciagraphy, practice in sketching and rendering objects, furniture, interiors, etc.

ANALYSIS OF ORNAMENT:—The analysis and interpretation of the best elements of Architectural Ornament. Designing of original forms.

Concours in all these subjects are given at regular periods.

Original Designs for Brocades in the Venetian and Byzantine Styles
By Otilie P. Bachman

COURSE IN SURFACE DESIGN AND COLOR

CLASS B—SECTION I

SURFACE DESIGN:—Practice in surface design includes problems and their development for mosaic, tiles, stencils, block prints, batik, wall paper, carpet, rugs, costumes, enrichments, lace, silk, cretonne, applique, etc.

ANALYTICAL STUDY:

NATURE:—Drawing and analysis of plants and other natural forms, as sources of suggestive decorative elements.

HISTORIC ORNAMENT:—Study of Gothic, Renaissance and other historical periods in relation to design.

COLOR THEORY AND PRACTICE:—Study of the qualities of hue, tone, and chroma; exercises in color matching, various harmonies.

In connection with the lectures upon the above subjects, library and museum research is required.

CAST DRAWING:—Study in different mediums from casts of various historic periods, and the human figure.

At the conclusion of each subject a concours is given.

Examinations in this course are: Historic Ornament, Color Harmony, Principles of Design.

CLASS B—SECTION II

The study in this section is devoted to more technical design, and includes the execution of rugs on a four-frame, hand-power Jacquard loom; study of processes of reproduction for printed silk, wall papers, lace, etc.

Stoneware and Metal Work
Designed and Executed by Students

COURSE IN MODELING, AND CONSTRUCTIVE DESIGN

CLASS C—SECTION I

CONSTRUCTIVE DESIGN:—Rapid sketching of problems in constructive design. Drawing to scale and full size original designs for furniture, pottery, and metal work.

MODELING:—Exercises in different degrees of relief and in the round, from casts, drawings, and prints. Decorative interpretation of animals. Original designs for terra cotta, cement, cast and wrought metal, wood and stone carving, furniture, and mosaic, in clay, wax, and plaster.

POTTERY:—Sketching, designing, and construction of forms, as bowls, vases with handles, etc.

WOODWORK CARVING AND FURNITURE:—Furniture design; detail drawing; study of materials and tools, and their care and use. Joinery and constructive details. Studies of decorative carving. Lectures, research and design in the Periods.

METAL:—Instruction is given in the various processes of raising of bowl forms, metal manipulation and enrichment, as repousse, chasing, piercing, and etching.

ANATOMY:—Anatomical studies of animals and the human figure, from casts, life, and photographs. Synthetic treatment pursued, as placing the bones and building the muscles up in the order of the several layers.

CLASS C—SECTION II

The designing and execution of furniture, pottery, metal, and mosaic, which are parts of the course primarily as processes of design in Section I, become essential results in this section.

Lectures and concours are given on Historic Ornament, Principles of Construction, Design, Anatomy, and the various mediums employed in this course.

Drawing from Life by Frances Lichten

DRAWING AND ÆSTHETICS

CLASS D

DRAWING FROM CASTS AND LIFE:—Study of the figure from the living model. Costumes and accessories are continuously used to produce effective combinations for decorative suggestions. The work from casts is continuous.

PRACTICE AND METHODS IN TEACHING:—Each student must present typical lessons, demonstrations and outline courses of studies for classes of various degrees of maturity.

MUSEUM RESEARCH:—Survey of the educational functions and possibilities of the modern museum. Study of the evolution of the industrial arts and design. Research in various collections and museums is carried on throughout the course.

STUDY OF MEDIUMS:—Practice in interpreting objects in various mediums, as ink, pencil, paint, and charcoal.

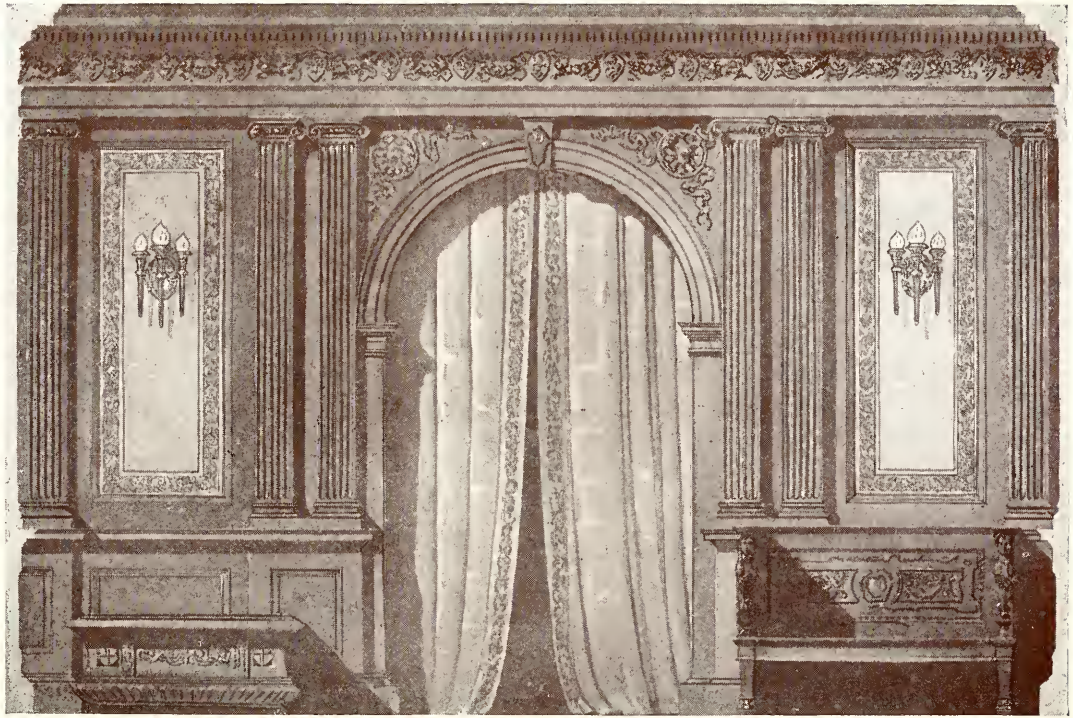
DECORATIVE COMPOSITION:—Composition exercises for decorative illustrations, posters, book plates, etc. Lettering is a feature of this course.

RENDERING:—Students in this class are required to make demonstrations of their ability to render correctly in various mediums, value, color, and textures of objects.

COURSE OF TRAINING FOR CURATORS

This course comprehends, during the first season, October to May, the study of the history of museums; the functions of the modern museum. The choice of the dominant idea for a museum, and the requirements and equipment of the building. The installation, classification, labeling, and nature of collections and their treatment. The diseases of objects and their remedies. The art of collecting. The library. The administration.

The second season extends the study to the evolution and variation of decorative forms and designs with a view to the identification of objects, including Egyptian, Babylonian, Etruscan, Apulian, Aegean, Greek and Roman designs and forms and their derivatives down to modern times. The history of glazes and glass. Imitations and restorations, and their detection. This work is done in the Museum at Memorial Hall.



Elevation of Italian Renaissance Hallway
Designed by a member of the Interior Decoration Class

This course is planned for the training of designers, and decorative painters, for practical work in interior decoration. It involves a thorough study of the various historic periods. Design and rendering in color for interiors in elevation and perspective. Decorative painting in water color, tempera, and oil. Color harmony. Drawing, designing, and modeling of ornament. Original designs and working drawings for furniture, architectural details, hangings, stained glass, stencils, and mosaics. Drawing from casts and life. Library and museum research under direction. The application of studies from nature, as flowers, fruit, landscape, and figure, to decorative uses.

The work of the class is supplemented by lectures on Color Harmony, Period Furniture, the History of Architecture and Ornament, and by visits to notable buildings and collections where the best historic and modern work may be seen, and to the shops of the best decorators and other craftsmen, the aim being to develop good taste by the constant consideration of the principles of design.

Problems of practical application, as models for stage settings and their development; or decorative features in relation to school purposes are given to members of the third section.

Illustration by Mildred Post Kerigan

Illustration by
Elizabeth Von Bermuth

ILLUSTRATION COURSE

This course includes study in drawing and painting from casts, the living model, nature and objects; costume and drapery; anatomy, and decorative lettering. Original composition for book plates, head and tail pieces, initial letters, covers, posters, and general decorative illustration in various mediums.

Sessions are held regularly, at which compositions are required from every student. Originality in thought and treatment is the aim of these classes. The compositions are criticised with special reference to their sincerity and truth.

Members of the advanced section work from the costumed model five periods a week, and are also given practice in the construction of imaginary heads and poses, so that they may be enabled to express varied character without reference to a model.

Lantern slide lectures, showing the best examples of contemporaneous illustration, are given several times a year.

The three sections of this class constitute a course based upon a general preliminary training developed in the first section by an especial study of nature forms and structure, and the direct application of this to various themes. In both the first and second sections competitive problems supplied by business establishments and organizations are marked features, and in the third section practical demonstrations of original work are required through reproductions.

Costume adapted from Raphael's Portrait of Johanna of Aragon
Designed and made by Norma Stine

COSTUME DESIGN

This class is for the study of the best types of costume. The students are given training in such historic styles as would suggest fundamental principles of draping, or of ornamentation, or would aid in developing good taste. Color and texture combination are particular features of the course. Sketches and careful studies are made from the costumed lay figure and the living model; also anatomical studies. Exercises are given in rendering the materials used, in pencil, ink, and water color, with special reference to the proper presentation of subjects, and for purposes of reproduction.

Practical demonstration in the use of materials is required from each student. This work is carried out with proper fabrics furnished by the school, and becomes part of the school's permanent collection. The adaptation of effective dress to pageants and other decorative, dramatic representations, is made a feature of the work.

Derived from the Statue of Menes

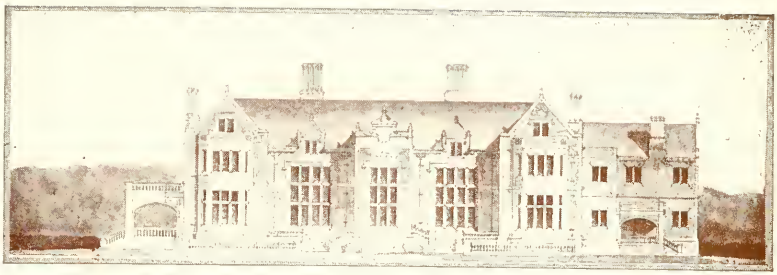
Executed by Esther Robert Lippincott

EVENING CLASSES

PROGRAM

It is possible for the students to practice most of these subjects every School evening, but the special instruction will be given as follows:

Subject	Evening			Page
Architectural Drafting and Design	Mon.	. .	Wed.	27
Building Construction	. .	Tues.	. .	27
Costume Design and Rendering	Mon.	Tues.	Wed.	25
Design—Carpets, Lace, Wall Paper	Mon.	Tues.	Wed.	15
Design General	Mon.	Tues.	Wed.	15
Drawing	Mon.	Tues.	Wed.	13
Drawing from the Cast	Mon.	Tues.	Wed.	13
Drawing from Life	Mon.	Tues.	Wed.	19
Drawing, Analysis of Ornament	Mon.	Tues.	Wed.	13
Historic Ornament	Mon.	. .	Wed.	13,15
Illustration	Mon.	Tues.	Wed.	23
Interior Decoration (Practice)	Mon.	. .	. .	21
Interior Decoration (Principles)	. .	Tues.	. .	21
Lettering	Mon.	. .	. .	13
Library, Reference	Mon.	. .	. .	. . .
Modeling	Mon.	. .	. .	17
Perspective	. .	Tues.	. .	13
Pottery	Mon.	. .	. .	17
Printing—Composition	Mon.	. .	. .	28
Rendering, Water color, pen and ink, etc.	. .	. .	Wed.	13,19
Wood Work	Mon.	Tues.	Wed.	17
Wrought Iron Forging	Mon.	Tues.	Wed.	27



SPECIAL EVENING CLASSES

COURSE IN ARCHITECTURAL DRAFTING AND DESIGN:—The subjects studied in this course are: instrumental drawing; the orders of architecture after Vignola, and from the Greek; shades and shadows; wash drawings; elements of design; order problems in competitions; criticism in design; academic rendering; planning; perspective; architectural design in different periods; elements of landscape architecture and gardening.

The competitive work of the pupils of the architectural drawing class is judged by a committee of architects.

Students can supplement this work by study in the water color, modeling, ornament, perspective and drawing classes.

COURSE IN BUILDING CONSTRUCTION:—This course is for young men intending to become builders, head carpenters, mechanics, etc. The studies include details of house and general building construction in all its parts; properties of building materials, making of and familiarity with architects' plans, elevations, and specifications; estimating; plumbing, heating, and ventilation.

WROUGHT IRON CLASS:—Instruction is given in the various processes of iron forging, and the execution of practical problems, as candlesticks, grilles, weather vanes, hardware, sconces, fire sets, etc., from original designs.

CLASS FOR PRINTERS AND COMPOSITORS:—The instruction will have special reference to the principles involved in producing excellence in printing. The consideration of the size, appropriateness of style, spacing of type, the relation of type to paper, marginal effects, the designing of light and dark (tone) areas, color, the use of ornamental features, as head and tail pieces, initial letters and borders, and the placing of illustrative forms, will be fully discussed and illustrated. Practice in the sketching of "lay outs" will be continued throughout the course.

ALUMNI ASSOCIATION SKETCH CLASS

This class makes use of the many Period Costumes of the School. Members work in any medium. As this class is under the auspices of the Alumni Association there is no charge to Alumni members; non-members pay a fee of five dollars ($5.00) to the Treasurer of the Alumni Association. The class is under the general regulation of the School and is in session Tuesday evenings.

Fire Screen in Wrought and Pierced Iron by Parke Emerson Edward

THEORY AND PRACTICAL METHODS OF INSTRUCTION:—The course has special reference to the work of supervisors and grade teachers, and includes general freehand drawing, blackboard demonstrations, perspective, water color, plant analysis, historic ornament, stenciling, and block printing. The Principal of the School delivers lectures upon the place of drawing in modern education, principles of design, color, plans and elevations, isometric and cabinet projection, comparative anatomy, aesthetics, and art history. The lectures are followed by work in the classroom on the subjects given.

A course of home reading is required, and a book of clippings covering the subjects studied during the school year is compiled by each member of the class.

NORMAL DESIGN CLASS:—The Design class is for the development of various phases presented in the Methods of Art Teaching course, and embraces the principles and practice of design, color harmony, lettering, and composition. *A certificate is awarded upon the satisfactory completion of the above two courses.*

JUNIOR CLASS:—The object of this class is to extend the opportunities afforded by the School, to younger students who may be interested in these subjects, but are occupied during the greater part of their time with other studies of a general character.

The class work is progressive and may extend over several years.

Subjects of Study:—Sketching and rendering in pencil, charcoal, and color, of nature forms, casts, and familiar objects; designing for booklet covers, tile, pottery, stencils and block prints; decorative landscapes; illustrating, and work in modeling and pottery.

Rendering of nature forms, casts, and familiar objects. Elementary original composition. Stencils. Block printing. Decorative landscape. Illustration.

Modeling and Pottery—Fruit, vegetable forms, and leaves, from casts and nature; animals from the cast and prints. Elementary original composition. Pottery.

WATER COLOR:—Pupils in this class are instructed in the rendering of drapery, objects, flowers, etc., in water color. As far as possible decorative applications are made of these studies.

The decorative rendering of landscapes is studied during the latter part of the course.

CLASS IN WOOD WORK AND JOINERY:—This class has special relation to the Manual Training given in the Public Schools, and is fundamental preparation for cabinet and interior wood work.

SUMMER SESSION

The location of the School together with its splendid classroom facilities and reference material, make it an ideal place for serious summer work and study. Classes are in session Monday to Friday, 9 A. M. to 12 noon, and 1 to 3 P. M. Lecture period daily 9 to 10 P. M.

A certificate is awarded upon the satisfactory completion of certain courses. Subjects which are equivalent to those in the regular courses of the School will be accepted for credit. Specialization permitted.

COURSES:

TEACHING AND SUPERVISION OF THE ARTS, INTERIOR DECORATION · COSTUME DESIGN DRAWING AND RENDERING · INSTRUMENTAL DRAWING · CRAFTWORK · DESIGN · LETTERING

Special announcement, giving definite information regarding courses, dates and faculty is issued in April.

PRIZES AWARDED ANNUALLY AT THE CLOSE OF THE SCHOOL YEAR

The School reserves the right to retain premiated work for an indefinite period.

PRIZE SCHOLARSHIPS

Five Scholarships on the Joseph F. Temple Foundation.

Six Memorial Prize Scholarships awarded by the Alumni Association of the Pennsylvania Museum and School of Industrial Art, to Associate Members, for a term of one year, for advanced study in the School, as follows:

The Charles Godfrey Leland Scholarship. Founded by Mrs. John Harrison.

The M. Theresa Keehmlè Scholarship and the Aspasia Eckert Ramborger Scholarship. Founded by William Keehmlè Ramborger.

The Edward Tonkin Dobbins Scholarships (3). Founded by Miss Mary A. Dobbins.

Mr. and Mrs. John McIlhenny Memorial Scholarships (2).

The Georgia McIlhenny Memorial Scholarship.
Founded by John D. McIlhenny.

Mrs. John Harrison Scholarship Founded by Mrs. John Harrison.

FELLOWSHIP

The Associate Committee Fellowship, founded by the Associate Committee of Women to the Board of Trustees.
Two hundred and fifty dollars a year to be awarded by the Faculty to a student in the School.

PRIZES—GENERAL

Associate Committee of Women's Prize. Elizabeth Duane Gillespie Prize—Twenty dollars for work in the Industrial Drawing Course.

Mrs. Thomas Roberts Prize. Twenty dollars for general excellence.

Girls' Industrial Art League Prize. Ten dollars for work by a student member of the League.

PRIZES—DESIGN AND CRAFT WORK

Associate Committee of Women's Prize.
Two prizes of ten dollars each for work in design.

Frederic Graff Prize.
Twenty dollars for architectural design.

Mrs. Francis Forbes Milne Prize.
Ten dollars for design.

Herbert D. Allman Prizes
Ten dollars each for wall paper design, and for the best effect of contrasted color harmony.

G. Gerald Evans Prize
Ten dollars for a piece of cabinet work distinctive in design and execution.

Emma S. Crozer Prize
Twenty dollars for work in modeling.

Mrs. J. L. Ketterlinus Prize
Ten dollars for Lithography.

Mrs. Henry S. Groves Prizes
Twenty dollars for Pageantry.

Mrs. William T. Carter Prizes
Thirty dollars for Costume design.

PRIZES—ILLUSTRATION

Mrs. C. Shillard-Smith Prize
Twenty-five dollars for best Illustration by a member of the Graduating Class.

Mrs. J. L. Ketterlinus Prize
Ten dollars for decorative quality of illustrative work.

PRIZES—DRAWING, RENDERING

Emma S. Crozer Prize
Twenty dollars for work in drawing.

Mrs. John Harrison Prize
Twenty-five dollars for pen and ink rendering.

Mrs. Isabella B. Bailey Prizes (2)
Five dollars each for animal studies.

Miss Nina Lea Prize
Twenty dollars for water color rendering.

Mary Lucretia Ramborger Prize
Five dollars offered by the Alumni Association for the best set of drawings made in the Alumni Association's Sketch Class.

F. Weber & Co. Prize
Drawing table, for work in Instrumental Drawing.

HISTORICAL SKETCH OF THE PENNSYLVANIA MUSEUM AND SCHOOL OF INDUSTRIAL ART

ORIGIN AND PURPOSE:—The Pennsylvania Museum and School of Industrial Art, an institution the origin of which was due to the increased interest in art and art education awakened by the Centennial Exhibition, was incorporated on the twenty-sixth day of February, 1876, for the purpose, as stated in the charter, of establishing "for the State of Pennsylvania, in the City of Philadelphia, a Museum of Art in all its branches and technical applications, and with a special view to the development of the Art Industries of the State, to provide instruction in Drawing, Painting, Modeling, Designing, etc., through practical schools, special libraries, lectures and otherwise."

THE MUSEUM:—The collections at Memorial Hall, in Fairmount Park, where the Museum is located, embrace examples of art work of every description. It was determined by the founders to make the collections of the Pennsylvania Museum as largely as possible illustrative of the relation of art to the industries. In the selection of objects, the trustees had the benefit of the advice of the foreign commissioners to the Exhibition, and, in several instances, the institution was the recipient of valuable gifts from individual exhibitors. Around the nucleus thus formed, the Museum has grown by purchase, gift and bequest to its present proportions, numbering in its collections upwards of thirty thousand objects.

THE SCHOOL:—The School, which has as its object the practical training of designers, craftsmen, and teachers of art, was opened during the winter of 1877-78, at Broad and Vine Streets. It was removed in 1879 to the rooms of the Franklin Institute, at 15 South Seventh Street; and again, in 1880, to the building 1709 Chestnut Street, where it remained until its removal, in 1884, to 1336 Spring Garden Street.

LOCATION OF SCHOOL:—The present property, at Broad and Pine Streets, acquired in 1893, is by far the most spacious and most advantageous in its location of any establishment in America that is devoted to the uses of a school of art, situated as it is on the principal street and in the very heart of the city.

SCHOOL REGULATIONS

REQUIREMENTS FOR ADMISSION:—Applicants for admission to any of the Day Classes, except the Junior Class, are expected to be as proficient in the common English branches as the completion of the ordinary grammar school course would imply. The State requires that all candidates for teaching certificates shall have completed an approved High School course or the equivalent. The entrance examination for the day classes consists of an English composition, and drawing in pencil or charcoal from models and simple casts of ornament.

All students are expected to enroll before the opening of the sessions and be prepared for class work on the scheduled dates. New students enrolling after the beginning of the school year are assigned to regular courses the first sessions in November, January and March; in the interim they are assigned to a drawing class.

SCHOOL REGULATIONS:—Pupils are not to receive *social* visits, *telephone messages,* or *mail* at the School, and when desiring to bring visitors into the class rooms they must notify the teachers in charge. The special rules are posted in various parts of the building. Any damage to the School property must be made good by the student causing it. No book, chart or other educational appliance is allowed to leave the building under any circumstances.

All work must be put away before the student leaves the building. Exercises executed by students and left at the school for exhibition or other purposes excepting that which the School has a right to retain will be returned any time up to July 1st if requested, otherwise it will not be reserved, as the School has not space to care for this large accumulation. Lost articles may be inquired for of the Janitor. Students are requested to give prompt notice of change of address to the Registrar and Director.

Schedules showing the arrangement of classes and the hours to be given by the instructors to each are posted in the class rooms. Students must observe the schedules, and may not claim the teachers' attention at other times, or expect admission to the class rooms except at the specified periods.

DISCIPLINE:—The discipline of the School is made as simple as possible, and students are made to feel that, as the requirements are definitely stated and the instruction in each branch is given at well-known hours, the progress of each is substantially in his own hands.

Students are on probation for the first three months; they are expected to be prompt and regular in attendance on all exercises and lectures of their courses. Irregularity, inattention, wrong attitude, and failure to meet requirements will be regarded as sufficient cause for dismissal. Students are expected to recognize these requirements as elements in any business career for which they may be making preparation. Polite and orderly conduct is also insisted upon at all times. The students are expected to wear suitable aprons, smocks or overblouses while in the School, and if desired, samples of materials and patterns may be procured at the supply room.

ADVICE TO STUDENTS:—The Director and his assistants will be in to explain courses, advise, and examine intending pupils on and after Monday, September 15th, and students are urged to arrange all preliminaries a few days before the actual opening of the School; the application forms for registration are obtained in the Director's office. All students are urged to have eye examinations made by a competent oculist before entering the School.

As the students advance in their work, they will be advised and directed as clearly as possible toward the professional aim for which they seem best qualified.

A committee of members of the Alumni Association will be at the School to assist any of the new pupils who may desire suggestions in making their arrangements for board, etc., and to introduce them to the various organizations designed for the benefit of the members of the School.

COMPETITIONS:—Competitions are held in different courses from time to time, which students of these subjects are required to enter. The results are treated in precisely the same way as those obtained by the formal examinations, and the pupil's standing is made to depend upon them to quite as great an extent. No certificate or diploma is granted to any student who does not obtain a creditable rating in these competitions.

HOURS OF STUDY

DAY CLASSES:—9 A.M. to 12 M.; 1 to 4 P. M. Every day in the week except Saturday.

EVENING CLASSES:—7.30 to 9.30; Monday, Tuesday and Wednesday.

SATURDAY CLASSES:—9 A. M. to 12 M.

SUMMER CLASSES:—9 A. M. to 12 M.; 1 to 3 P. M.;

FEES

DAY CLASSES:—A year of eight months, $80, or $12 a month; students coming from foreign countries, $90 a year, or $12 a month.

EVENING CLASS:—A year of six months, $15.

SATURDAY CLASS:—A year of six months, $10.

SUMMER CLASS:—A term of four weeks, $20.

Auditor's fee, $10.

All fees are payable in advance, and *money once paid will not be refunded*, except by special action of the committee.

Students will be considered as attending unless Registrar is notified to the contrary.

The fee for the Diploma is $5.00, payable on notice from the Registrar. Graduates returning to the School for further study may have their fees remitted in consideration of services rendered by assisting in teaching, or by the execution of work for purposes of demonstration.

SCHOLARSHIPS

STATE SCHOLARSHIPS:—In consideration of an annual appropriation to the School by the Legislature of Pennsylvania, each county of the State is entitled to at least one free scholarship in any regular course of the School for three years. Counties sending more than one Senator to the Legislature are entitled to as many scholarships as there are senatorial districts. These appointments are made by the Governor of the State, usually on the recommendation of members of the State Legislature.

BOARD OF PUBLIC EDUCATION SCHOLARSHIPS:—Provision for free instruction in this institution is also made by The Board of Public Education of the City of Philadelphia. Pupils of all the High Schools, as well as of the Normal School and of the Public Industrial Art School are eligible for these appointments, which are made by The Board of Public Education on the recommendation of the Principals of the several schools, to whom all applications for them should be addressed.

OTHER SCHOLARSHIPS:—A certain number of free scholarships, which are granted annually as prizes for meritorious work by students who have already spent at least one year in the School, with the exception of those placed at the

disposal of the Associate Committee of Women, have also been provided by the following bequests:

Joseph E. Temple Joseph F. Sinnott, Robert P. De Silver, The Elizabeth Duane Gillespie Memorial Fund.

By the following gifts:

Mrs. William Weightman, Jr., Mrs. John Harrison,
Mrs. Chapman Biddle, Miss Fannie S. Magee,
William Keehmlè Ramborger Miss Mary A. Dobbins,
Mrs. Frederic W. W. Graham, James H. Cresson,
Chas. Valentine Neumann, (Eve.) John D. McIlhenny,
Miss Mary Williams and Mrs. Waltér R. Stenger.

The Associate Committee of Women Fellowship is awarded to a deserving student.

TENURE OF SCHOLARSHIP:—Scholarships are subject to recall at any time if, in the judgment of the Principal, the progress of the holder is unsatisfactory.

A scholarship holder who fails to attend regularly or to do the work of his class receives notice to this effect, and is warned that unless a marked improvement is shown at once the scholarship will be declared vacant. He is usually given one month after the date of such notice in which to show that the warning has been heeded and has produced the desired effect. If, however, at the expiration of this time his progress still continues to be unsatisfactory, he is notified that the scholarship has been forfeited.

Holders of scholarships who fail to complete the work of Industrial Drawing Class (A) in two years are ineligible for a renewal of their scholarships. Scholarships are not awarded for partial courses.

SCHOOL EXPENSES

MATERIALS FOR STUDY:—Instruments and materials for study must be provided by the students. The average cost of materials for the day class ranges from $2.00 to $20.00, according to the course followed; the evening class, $2.00 to $15.00. Students should be prepared to purchase their outfits upon entering the School. All articles required in any class are for sale at the School, and the students are expected to purchase them there.

LOCKERS:—Each student is provided with a locker for drawing boards and materials. On receiving the key the student must deposit $1 (or $2 for the larger lockers, in which wraps, etc., can also be kept), of which sum 50 cents is refunded when the key is returned, provided the return is made within one month after the date on which the term expires, otherwise the deposit is forfeited. Access to the lockers is regulated by class room requirements and hours.

BOARD:—Board may be obtained in the vicinity of the School. The School assumes no responsibility in connection with this part of a student's career.

A lunch room is maintained in the school building under the direction of the Students' Art League, where lunch may be obtained at moderate prices.

DIPLOMAS

The School's Diploma is awarded upon the satisfactory completion of each of the following courses:

SURFACE DESIGN AND COLOR
CONSTRUCTIVE DESIGN AND MODELING
COSTUME DESIGN AND PAGEANTRY
INDUSTRIAL ART (Teachers' Course) ILLUSTRATION
INTERIOR DECORATION

To be admitted to any of these courses the student must have completed the work of the Industrial Drawing Course or its equivalent.

CERTIFICATES

On the satisfactory completion of certain phases of the following courses a certificate is awarded:

INDUSTRIAL DRAWING
SURFACE DESIGN AND COLOR
CONSTRUCTIVE DESIGN AND MODELING
DRAWING AND AESTHETICS ILLUSTRATION
ARCHITECTURAL DRAWING (Evening)
METHODS OF ART TEACHING (Saturday)
COSTUME DESIGN INTERIOR DECORATION
METHODS OF ART TEACHING (Summer)

The time required for the completion of any of these courses depends entirely upon the diligence and proficiency of the student.

CREDITS REQUIRED FOR THE INDUSTRIAL ART DIPLOMA (Teachers' Course)

The Industrial Art Diploma is recognized by the Philadelphia Board of Education as the equivalent of the University degree.

TEACHERS' COURSE
(Section A.) *See page 13.*

Instrumental Drawing	6
Cast and Memory Drawing	6
Historic Ornament	7
Lettering	2
Elementary Design and Brush Work	3
Modeling	3
Perspective	3
Analysis of Ornament	1
Certificate "A"	31

TEACHERS' COURSE
(Section B.) *See page 15.*

Surface Design	15
Costume Design	3
Nature Analyses	4
Historic Ornament	3
Color, Theory and Practice	2
Cast Drawing	3
Certificate "B"	30

TEACHERS' COURSE
(Section C.) *See page 17.*

Design	4
Modeling and Pottery	15
Anatomy	1
Furniture Study and Woodcarving	5

TEACHERS' COURSE
(Section C.) *Continued*

Metal	3
Study of Methods	3
(*Saturday morning session)	
Knowledge of Materials and Tools	1
Efficiency	1
Woodwork	2
Certificate "C"	35

TEACHER' COURSE
(Section D.) *See page 19.*

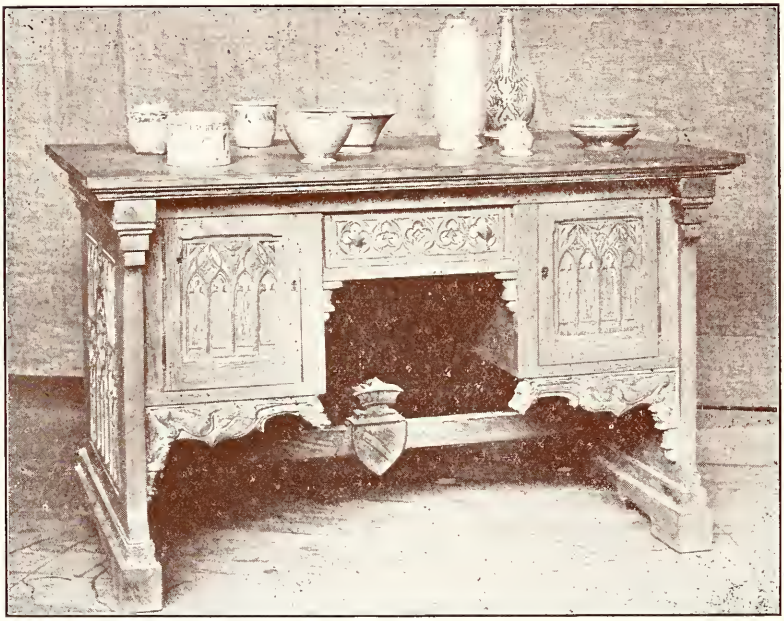
Cast, Life and Memory Drawing	10
Study of Methods	5
Museum Study	3
Composition and Rendering	4
Aesthetics	2
Principles of Interior Decoration	3
Principles of Costume Design and Pageantry	3
Thesis	3
(*Saturday morning session)	
Pedagogy	1
Practice	2
Certificate "D"	36

** Students enrolled in the Industrial Art Teachers' Courses are entitled, without extra charge, to attend these Saturday Sessions and required to satisfactorily complete the work.*

LECTURES

Courses of lectures on the following subjects are given during the School year. Schedule of dates, hours and classes required to attend regularly are posted on the School bulletin boards:

Principles of Surface Design.
Principles of Constructive Design.
Art History.
Historic Ornament.
Contemporaneous Illustrations.
Principles of Interior Decoration.
Composition.
Anatomy.
Lettering.
Furniture.
Color Harmony.
Pottery.
Methods of Art Teaching.



Gothic Table
Designed and Executed by Armand Tunon Ricci, a pupil of the School.
Stoneware and glazed pottery by several pupils

A PARTIAL LIST OF FORMER STUDENTS OF THE SCHOOL OF INDUSTRIAL ART WITH THEIR OCCUPATIONS

Students are asked to aid the Director in correcting and extending the list.

The Alumni Association of the School has established a Business Bureau for the development of opportunities for employment and the disposal of designs and work of members and pupils of the school.

HONOR ROLL SCHOOL OF INDUSTRIAL ART

Adams, Edgar	Navy
Anderson, Fred	Infantry
Anderson, J. Watkins	Paymaster
Alston, Fred. C.	Artillery
Arnold, Elizabeth	Canteen
Ashbrook, Jas	Paymaster
Austin, Harold E	Camouflage
*Banse, Fred	Medical
Barnes, Philip A	Artillery
Bauer, Adrian	Infantry
Bauer, Robert	Medical
Beacham, Noble	Infantry
Beale, Frank R	Infantry
Berry, Lt. Norman K	Aviation
Betts, Leston	Camouflage
Bloch, Julius	Infantry
Blumenthal, Corp. S. L	Ambulance
Borie, Sewell	Ambulance Corps
Born, Harry	Medical
Bower, Capt. Maurice	Medical
Boyd, Lt. Anson C	Infantry
Brown, John Jerome	Navy
Buehr, Walter F	Camouflage
Cain, David	Infantry
Carrigan, Robt. M	Aviation
Chambers, Wilson	Camouflage
Chickering, Sgt. Chas	Medical
Ciavarra, Pietro	Infantry
*Clark, Early R	Engineers
Clark, Herbert	Infantry
Clayter, Frederick	Camouflage
Cohen, Louis G	Navy
Cole, Sgt. Walter	Engineers
Coleman, Ralph	Camouflage
Cooley, Byron R	Navy
Coyne, Corp. Chas	Infantry
Crowley, John	Marine
Davenport, Corp. Ernest	Cavalry
De Bow, Theodore	Engineers
Deibert, John M	Medical
Doriot, Jules	Medical
Dorrell, Ernest	Medical
Dotterer, Lloyd	Infantry
Downs, Raymond	Medical
Dunkelberger, Ralph	Signal Corps
Edwards, Parke E	Medical
Ewald, Louis	Medical
Ferguson, Wilfred	Navy
Ferkler, Wm. H	Infantry
Filippone, Corp. Nicola	Infantry
Flynn, Chas	Infantry
Fossler, John	Aviation
Frankhauser, Chas	Ambulance
Freelon, Lt. Allen R	Infantry
Freeman, Walter	Infantry
Friedman, Harry	Signal Corps
Fromuth, Sgt. H. C., Jr	Artillery
Gallucci, Nicola	Medical
Garrison, Lt. Dwight	Infantry
Gaul, Clifford	Navy
Giuliano, St. Antonio	Quartermaster
Grauer, William	Infantry
*Gregson, Howard	Infantry
Harrison, John Jr	Navy
Henderson, Leslie	Engineers
Hess, Horace	Infantry
Hollis, Raymond	Medical
Horn, Frank E	Infantry
Hub, Harry C	Infantry
Jewelle, Merle	Infantry
Johnson, Burchell	Aviation
Johnson, B	Infantry
Kneuble, Capt. John	Artillery
Knutzen, B	Navy
Lambdin, Corp. Winfred	Infantry
Lambert, Carroll	Infantry
Lane, Lt. Wade	Infantry
Lawson, Alex	Navy
Lawson, George Z	Ambulance
Lazaleve, Henry	Infantry
Leidy, Sgt. Erwin	Quartermaster
Lloyd, J	Navy
Longenecker, Paul	Infantry
Lyons, Russell	Infantry
MacCollin, Ruth	Reconstruction
Mahan, Sgt. Philip	Artillery

Malick, F. G. ..... Infantry
Majer, Carl ..... Signal Corps
Martin, Leslie ..... Infantry
Matson, J. B. ..... Aviation
Martino, Modestino ..... Medical
May, Louise ..... Red Cross
McCormick, Sgt. Vincent .. Camouflage
McIntosh, Oswald ..... Infantry
McManus, Corp. Philip ..... Infantry
Melville, Ralph ..... Infantry
Mertens, Geo ..... Infantry
Metz, Earl E ..... Infantry
Miller, Capt. Edw ..... Infantry
Miller, Alice ..... Reconstruction
Noble, Bayard ..... Infantry
Noble, Oswald ..... Artillery
Norton, Norman ..... Medical
Nuss, Albert ..... Camouflage
Nyce, Paul ..... Infantry
Nye, William ..... Infantry
Olmstead, Ingersoll ..... Infantry
Pahl, Sgt. Otto ..... Infantry
Patterson, H. A ..... Engineers
Pennell, Leslie ..... Reconstruction
Pinkovitz, H. L ..... Infantry
Pitz, Henry ..... Infantry
Porter, Corp. John ..... Infantry
Potts, Serg. John ..... Motor
Price, Wm. W ..... Reconstruction
Prittie, Edwin ..... Infantry
Ramsden, Edward ..... Infantry
Ramsey, C. Fred ..... Camouflage
Remmel, Alphonso J ..... Infantry
Renner, Corp. Herbert ..... Infantry
Rex, Lt. Hilary ..... Aviation
Ricci, Lt. Armand ..... Engineers
Rickenbaugh, Robt ..... Navy
Rile, Lt. H. J ..... Engineers
Rindskopf, Alex ..... Navy
Rivel, Thos ..... Artillery
Robinson, Lt. Hilliard ..... Artillery
Roche, William ..... Infantry
Rosen, Harry ..... Navy
Sabatino, Giovanni ..... Infantry
Savage, James ..... Engineers
Schoenhut, Lt. Harry E. ..... Artillery
Scott, Edwin ..... Infantry
Shackleford, Theo ..... Infantry
Shenton, Corp. Edward ..... Engineers
Shriver, J. W ..... Infantry
Shuyler, Lt. Clyde ..... Infantry
Smith, Capt. Wm. J ..... Infantry
Smythe, Samuel ..... Medical
Spangenberg, Lt. Ruel P ..... Infantry
Spizzari, Lugi ..... Cavalry
Spohn, Capt. F ..... Cavalry
Sponsler, Sgt. Geo ..... Infantry
Stanton, Pierre ..... Artillery
Stiles, Herbert ..... Infantry
Tanniswood, Calvin ..... Navy
Taylor, Corp. Earl J ..... Infantry
Tedlie, Harry ..... Medical
Temple, Corp. JohnA ..... Artillery
Thayer, Sgt. William G ..... Medical
Thompson, Wm. H ..... Infantry
Thomson, William ..... Aviation
Thorn, Warren Hall ..... Navy
Vance, Holton A ..... Signal
Villani, Emilio ..... Infantry
Walenta, Edmund J ..... Y. M. C. A.
Walgren, Adrian A ..... Marine
Walton, Lt. Edward ..... Ambulance
Walton, Sgt. Albert ..... Marine
Ware, Hamilton ..... Camouflage
Weber, Walter ..... Engineers
Weinstock, Morris ..... Signal Corps
Weston, Harold ..... Infantry
Williams, Robt ..... Navy
Woberg, W ..... Engineers
Wyckoff, Wm. T ..... Ambulance
Yost, Herman ..... Medical
Ziegler, Harry S., Jr ..... Medical

ARCHITECTS AND ARCHITECTURAL DRAUGHTSMEN

Barretto, Carlos ..... Manila, P. I.
Bassett, George C ..... Philadelphia
Bencker, G. B ..... Philadelphia
Bencker, Ralph B ..... Philadelphia
Berzner, A ..... Philadelphia
Betelle, J. Oscar ..... Philadelphia
Bickel, C ..... Philadelphia
Bishop, A. C ..... Philadelphia
Bissell, E. P ..... Philadelphia
Biswanger, C. T ..... Philadelphia
Boggs, Edward T ..... Philadelphia
Boyer, Lynn H ..... Philadelphia
Brinkworth, W. B ..... Philadelphia
Cairn, W. Brooks ..... Philadelphia
Calder, Norman ..... New York City
Calvert, Louis ..... Philadelphia
Casner, C. A ..... Philadelphia
Churchman, C. W ..... London, England
Coneys, John ..... Philadelphia
Conway, W. L ..... Philadelphia
Custer, W. L ..... Philadelphia
Davis, Paul ..... Philadelphia
De Moll, C ..... Philadelphia
Dingee, Joseph T ..... Philadelphia

Donoline, J. M. . . . . Philadelphia
Davis, Frank . . . . . Philadelphia
Dunlap, A. . . . . Philadelphia
Edmunds, F. D. . . . . Philadelphia
Etter, H. B. . . . . Philadelphia
Fetterolf, Edwin H. . . . . Philadelphia
Feustmann, Maurice M. . . . . Philadelphia
Fry, J. W. B. . . . . Philadelphia
Getz, Peter F. . . . . Philadelphia
Grater, Ursinus . . . . . Norristown, Pa.
Harris, C. . . . . Philadelphia
Hays, Frank A. . . . . Philadelphia
Higgins, Joseph R. . . . . Philadelphia
Hinderman, Carl . . . . . Philadelphia
Hoover, Ira W. . . . . Toledo, Ohio
Irwin, H. . . . . Philadelphia
Jamieson, J. P. . . . . St. Louis
Kimmel, T. Earl . . . . Washington, D. C.
Klauder, Charles Z. . . . . Philadelphia
Klinges, I. P. . . . . Philadelphia
Lambert, Carroll . . . . . Philadelphia
Lehman, E. P. . . . . Philadelphia
Long, Albert T. . . . . Washington, D. C.
MacKellar, R. . . . . Red Bank, N. J.
Martin, Frank . . . . . Philadelphia
Mayo, Walter . . . . . Philadelphia
McConaghy, Caroline . . . . Philadelphia
McIlvain, Cornelius . . . . . Philadelphia
Molitor, John . . . . . Philadelphia
Morgan, T. S. . . . . Philadelphia
Murray, L. Walter . . . . . Portland, Ore.
Oslen, R. L. . . . . Philadelphia
Phelan, J. V. . . . . Philadelphia
Powers, E. S. . . . . Woodbury, N. J.
Prentzel, D. A. . . . . Philadelphia
Reeve, R. M. . . . . Philadelphia
Rieger, H. E. . . . . Philadelphia
Rile, Howard . . . . . Philadelphia
Ring, J. . . . . Philadelphia
Ritter, F. J. . . . . Philadelphia
Russ, C. F. . . . . Philadelphia
Schinommyer, W. G. . . . . Philadelphia
Seeler, Edgar V. . . . . Philadelphia
Shaef, Charles . . . . . Philadelphia
Sheffler, J. F. . . . . Reading, Pa.
Shepherd, J. G. . . . . Philadelphia
Shuler, Clyde . . . . . Philadelphia
Simon, Grant . . . . . Philadelphia
Smith, Walter Bell . . . . . Philadelphia
Smith, W. J. . . . . Chicago
Stehle, C. . . . . Philadelphia
Stratton, Richard . . . . . Philadelphia
Talum, H. . . . . Philadelphia
Thompson, William H. . . . . Philadelphia
Tiers, Walter H. . . . . Philadelphia
Walton, H. L. . . . . Philadelphia
Walton, W. . . . . Philadelphia
White, Ralph E. . . . . Philadelphia
Winter, R. C. . . . . Philadelphia
Yardley, E. H. . . . . Philadelphia
Yocum, Stanley . . . . . Philadelphia
Zeigler, Chas. A. . . . . Riverside, N. J.

BOOKBINDERS

Fauns, B. P. . . . . Philadelphia
Masagi, Hiromoto . . . . . Japan
St. John, Agnes . . . . . Boston, Mass.

BUILDERS

Reeves, Henry . . . . . Philadelphia

CABINET MAKERS

Hemsing, William S. . . . . Souderton, Pa.
Hennig, Charles . . . . . Philadelphia
Huth, J. C. . . . . Philadelphia
Netzley, J. C. . . . . Ephrata, Pa.
Theis, C. W. . . . . Philadelphia

CARVERS (IVORY)

Bachman, H. E. . . . . Philadelphia

CARVERS (STONE)

Carlson, F. . . . . Philadelphia
Cooper, E. . . . . Philadelphia
Fraser, Donald . . . . . Philadelphia
Koester, Louis . . . . . Philadelphia
Patterson, George . . . . . Philadelphia
Walmsley, J. . . . . Philadelphia

CARVERS (WOOD)

Banner, Edward ..... Philadelphia
Bateman, John ..... Bridgeton, N. J.
Bauer, Charles J ..... Philadelphia
Dalmasse, Romaine ..... Philadelphia
Demian, J ..... Philadelphia
Deni, Frank ..... Philadelphia
Dentzel, W ..... Philadelphia
Franke, Charles ..... Philadelphia
Kaufman, J ..... Philadelphia
Lutz, C. A ..... Philadelphia
Mensch, William ..... Philadelphia
Ruckes, George ..... Philadelphia
Ruppel, F. C ..... Philadelphia
Segal, I ..... Philadelphia
Stern, F. B ..... Philadelphia
Schoch, J. E ..... Camden, N. J.
Vecchiolli, Donato ..... Philadelphia
Wumseh, W ..... Philadelphia
Ziegler, Harry ..... Camden, N. J.

FURNITURE MAKERS AND DESIGNERS

Barber, John ..... Philadelphia
Barber, J. Burton ..... Philadelphia
Dewar, W. H ..... Philadelphia
Evans, G. Gerald ..... Philadelphia
Fava, Angelo ..... Philadelphia
Foster, Ernst ..... Grand Rapids, Mich.
Golz, Julius ..... Philadelphia
Henshell, Fred ..... Philadelphia
Holt, William ..... Grand Rapids, Mich.
Krause, Louis ..... Philadelphia
McDevitt, Ralph ..... Philadelphia
Mercer, W. Harry ..... Philadelphia
Mervine, Claude B ..... Pittsburgh, Pa.
Nonnemaker, Jay ..... Grand Rapids
Rile, Howard ..... Philadelphia
Roberts, W. S ..... Philadelphia
Smith, Oscar L ..... Philadelphia
Smyser, D. H ..... Dallas, Texas

UPHOLSTERERS

Klotz, Geo. A ..... Philadelphia
Ramsden, J. V ..... Philadelphia
Ritter, W. L ..... Philadelphia

INTERIOR DECORATORS

Adolphe, Albert Jean ..... Philadelphia
Anderson, J. W ..... Morristown, Pa.
Anderson, John W ..... Philadelphia
Barrell, F. W ..... Philadelphia
Barthmaier, H. C ..... Philadelphia
Benner, C. A ..... Philadelphia
Bergmann, Carolyn ..... Philadelphia
Bond, W. A ..... Philadelphia
Brown, Elmer ..... Philadelphia
Buryhof, Charles ..... Philadelphia
Cave, Herbert E ..... Baltimore
Chambers, M. Louise ..... Cincinnati
Chew, Walter G ..... Philadelphia
Clark, A. W ..... Philadelphia
Cohen, Louis G ..... Philadelphia
Cole, Marie ..... Philadelphia
Craighill, S. Preston ..... New York
Crooks, Emily S ..... Philadelphia
D'Ascenzo, Nicola ..... Philadelphia
Deker, Joseph ..... Philadelphia
Dean, Colin ..... Philadelphia
Down, Raymond ..... Philadelphia
Ecob, Frances H ..... Flushing, N. Y.
Elter, Harry ..... Philadelphia
Ely, Donald H ..... Chicago, Ill.
England, Russell ..... Philadelphia
Ernst, Clara L ..... Philadelphia
Fetherston, Florence C ..... Philadelphia
Fisher, Edith ..... Pittsburgh, Pa.
Friedman, Joseph ..... Philadelphia
Gerber, Fred ..... Philadelphia
Gerber, Philip ..... Philadelphia
Goldberg, David ..... Philadelphia
Gugert, George L ..... New York City
Hadley, Paul ..... Indianapolis, Ind.
Hamilton, William ..... Pasadena, Cal.
Heberton, Harriet L ..... Philadelphia
Hemphill, Rebecca ..... Philadelphia
Hollis, Raymond ..... Philadelphia
Humma, John R ..... New York City
Inskip, William ..... Buffalo, N. Y.
Jounce, Walter ..... Philadelphia
Kaufmann, W ..... Philadelphia
Keire, Henry ..... Philadelphia
Keyser, Leon ..... Philadelphia
Kier, Lynton H ..... Philadelphia
Knowles, W. Irving ..... Philadelphia
Knox, Lena ..... Pittsburgh, Pa.
Leuman, Edna ..... Philadelphia
Littlefield, Spencer ..... Philadelphia
Livengood, Francis H ..... Philadelphia
Mertz, O. E ..... Philadelphia
Luccereni, John ..... Philadelphia
Lynam, Ethel ..... Philadelphia
MacCartney, Francis ..... Philadelphia
MacGregor, N ..... Philadelphia

Mann, Helen ..... Philadelphia
Mather, William W ..... Philadelphia
Melcher, George ..... Pasadena, Cal.
McCarter, William Jr ..... Philadelphia
Nash, Carl E ..... Pasadena, Cal.
Nelson, John Joseph ..... Philadelphia
Norak, Joseph ..... Philadelphia
Ohmer, Ralph ..... Philadelphia
Orwig, Henry M ..... St. Louis, Mo.
Paredes, Gregorio .... Manila, Philippines
Prichard, E. S ..... Philadelphia
Pullanz, J ..... Philadelphia
Phillips, Leila ..... Philadelphia
Renner, Herbert ..... Philadelphia
Rogers, A ..... Philadelphia
Rowe, Charles ..... Pittsburgh, Pa.
Rindskoff, Alexander C ..... Kansas
Sheridan, Mark ..... Los Angeles, Cal.
Sherry, M. V ..... Philadelphia
Shisler, A. F ..... Philadelphia
Shupert, Madissa ..... Philadelphia
Sima, Frank A ..... Philadelphia
Sprenkle, Arthur G ..... Pittsburgh, Pa.
Stevens, Thos. George ..... Philadelphia
Stout, A. H ..... Philadelphia
Sutton, Daniel Everett ..... Philadelphia
Taws, Louis J ..... Philadelphia
Taylor, Anna ..... Philadelphia
Teupe, F. W ..... Kansas City, Mo.
Thoma, Annabel L ..... Philadelphia
Van Artsdalen ..... Philadelphia
Walton, F., Jr ..... Philadelphia
Waterman, Anna M ..... Philadelphia
Wehner, Tony ..... Philadelphia
Welker, Carl V ..... New York
Wenck, Charles S ..... Boston, Mass.
Whitehead, Chas. V ..... Philadelphia
Willis, Charles ..... Philadelphia
Wolters, R ..... Philadelphia
Wood, Elizabeth ..... Philadelphia
Ziegler, W. L ..... Philadelphia
Zilinziger, Albert ..... Philadelphiahia

SCENE PAINTERS

Sparks, Will ..... Philadelphia
Sparks, William, Jr ..... Philadelphia
Williams, John ..... New York, N. Y.

DECORATIVE PAINTERS AND DESIGNERS

Bates, Aura A ..... Philadelphia
Baxter, Reba ..... Philadelphia
Bickle, Helen A ..... Philadelphia
Cummings, H. N ..... Washington, D. C.
Dantzig, M ..... New York
Edwards, William M ..... Philadelphia
Gillespie, Katherine ..... Philadelphia
Grauer, William ..... Philadelphia
Grim, W ..... Philadelphia
Huntingdon, Mrs. A. W ..... Philadelphia
Jones, Edith G ..... Philadelphia
Kelly, Laura ..... Philadelphia
Mehalck, S. T ..... Philadelphia
Molarsky, Morris ..... New York
Newman, W. Maud ..... Philadelphia
Nichulas, B. Ashmead ..... Philadelphia
Padula, L ..... Philadelphia
Platt, Marie S ..... Nantucket, Mass.
Sauer, J. E. B ..... Shellburne Falls, Mass.
Smith, Edith ..... Philadelphia
Trueblood, Sarah E ..... Philadelphia
Van Gelder, Peter ..... Philadelphia
Warga, Ernest ..... Philadelphia
Welker, Carl V ..... New York

DECORATIVE SIGN PAINTERS

Blankoff, E ..... Philadelphia
Feely, Morris ..... New York
Hammerle, Carl ..... Philadelphia
Herzberg, Charles ..... Philadelphia
McLaughlin, O ..... Philadelphia
Meagher, W. J ..... Philadelphia
Norris, Frank ..... Camden, N. J.
Thume, R ..... Philadelphia
Woodward, Frank ..... Cleveland, Ohio
Jackson, A. Ware ..... Harrison, Ark.

CHINA DECORATORS

Cannon, Florence V ..... Camden, N. J.
Cobden, Mrs. Nellie C ..... Philadelphia
Cochran, Mrs. W. J ..... Philadelphia
Roebeck, Elizabeth ..... Bethlehem, Pa.
Tripler, Louise ..... Philadelphia

DESIGNERS (BANK NOTE)

Perrottet, Emile ..... Philadelphia

DESIGNERS (BOOK COVERS)

Dees, H. P. ..... Philadelphia

DESIGNERS (CARPET)

Baker, Raymond ..... Philadelphia
Chadwick, Bertram ..... Philadelphia
Chalfin, J. ..... Philadelphia
Closkey, H. M ..... Philadelphia
Davison, W. ..... Philadelphia
Diez, John ..... Philadelphia
Fretz, John A ..... Philadelphia
Fromuth, August ..... Philadelphia
Geiger, Nelson T ..... Philadelphia
Hawkins, A. J ..... Philadelphia
Jarvis, Owen ..... Philadelphia
Kommer, John T ..... Philadelphia
Mahan, Philip ..... Bristol, Pa.
May, Anna K ..... Philadelphia
McManus, Philip ..... Philadelphia
Shultz, Louis ..... Philadelphia
Steiger, W ..... Philadelphia
Temme, J ..... Philadelphia
Vickers, D. P ..... Philadelphia
Weber, Carl ..... Philadelphia
Weber, Harry ..... Philadelphia
Williams, N. W ..... Philadelphia

DESIGNERS (COSTUMES)

Cave, Edna ..... Philadelphia
Crook, Gertrude M ..... Philadelphia
Hartson, Sarah R ..... Philadelphia
Howard, Mrs. N. C ..... Danville, Va.
Katz, Rosalind ..... Philadelphia
Lippencott, Esther ..... Philadelphia
Malan, Kathryn ..... Philadelphia
Powers, Edith ..... New York
Sellner, Eudora ..... New York
Thoma, Corallie P. B ..... New York
Twaddell, Beatrice ..... Philadelphia
Twaddell, Florence P ..... Philadelphia

DESIGNERS (EMBROIDERY)

Applegate, Jacob ..... Philadelphia
Branin, Susie E ..... Philadelphia
Cohen, Hattie ..... Philadelphia
De Carlo, Jennie ..... Philadelphia
Eagan, Mary C ..... Philadelphia
Helmbold, Lillie M ..... Philadelphia
Hobbs, Anna F ..... Philadelphia
Lloyd, Eleanor ..... Philadelphia
Long, Isabel ..... Philadelphia
Marshall, George W ..... Philadelphia
Nolan, Mary C ..... Philadelphia
Padgett, Anna L ..... Bethlehem, Pa.
Pettit, Etta M ..... Philadelphia
Prettyman, Jean ..... Philadelphia
Roberts, Dora S ..... Philadelphia
Schraum, Alice ..... Philadelphia
Stevenson, Marie E ..... Philadelphia

DESIGNERS (GAS FIXTURES, ETC.)

Floriot, E. C ..... Philadelphia
Klein, Max ..... New York
Kornbau, Kennard J ..... New York City
Krayer, J. Frederick ..... Philadelphia
McKeiage, R ..... Philadelphia
Mitchell, Edw. P ..... Philadelphia
Reynolds, Vincent ..... Philadelphia
Shriner, Herbert ..... Philadelphia
Thaleg, Oscar ..... Philadelphia
Walsh, W. E ..... Boston, Mass.
Walters, John ..... Philadelphia
Wolters, Herman ..... Philadelphia
Yardley, Horace ..... Boston, Mass.
Zimmerman, William ..... Philadelphia

GENERAL DESIGNERS

Bates, William H ..... Philadelphia
Bowman, C. H ..... Philadelphia
Carroll, Benjamin ..... Philadelphia
Conner, B. T ..... Philadelphia
Dannerth, C. A ..... Philadelphia
De Armond, F. L ..... Philadelphia
Euget, J. M ..... Philadelphia
Gentsch, M. F ..... Philadelphia
Hottinger, M. A ..... Philadelphia
Hutton, F. B ..... Philadelphia
Kane, H. J ..... Doylestown, Pa.
Kelly, John ..... Philadelphia
Kutchera, H ..... Philadelphia
Lang, William ..... Philadelphia
Lawson, David ..... Philadelphia
Lederman, J. M ..... Philadelphia
Ludell, Harold ..... Philadelphia
Martin, William S ..... Philadelphia
Mellon, William S ..... Philadelphia
Oberlander, Robert S ..... Philadelphia
O'Brien, F ..... Philadelphia
Offenhauer, W ..... Philadelphia

Ogier, Victor.....Philadelphia
Ott, Frederick.....Adams, Mass.
Potteiger, Anna.....Philadelphia
Pugh, Geo. W.....Philadelphia
Rodenboch, F.....Philadelphia
Ruby, Edna B.....Chicago, Ill.
Savournin, B. H.....Philadelphia
Seitzer, G. A.....Philadelphia
Shover, Edna M.....Indianapolis, Ind.
Sickels, W. H.....Philadelphia
Shiels, Thomas.....Philadelphia
Shinle, John.....Philadelphia
Snyder, A. F.....Philadelphia
Steck, E. A.....Philadelphia
Stoertz, A.....Philadelphia
Yundt, Charles.....Philadelphia

DESIGNERS (JEWELRY)

Bailey, Walter.....Philadelphia
Blaetz, Gertrude.....Philadelphia
DePlanque, Carl.....Philadelphia
Donnelly, J. F.....Philadelphia
Ebert, William.....Philadelphia
Foulkrod, Helen.....Philadelphia
Geckler, E.....Philadelphia
Geckler, Laura.....Philadelphia
Hansell, Margaret.....Philadelphia
Head, Mabel.....Philadelphia
Kiehl, Nettie E.....Philadelphia
Murray, Harry.....Philadelphia
McArthur, J. E.....Philadelphia
Pollard, H.....Philadelphia
Schnauffer, William.....Philadelphia
Smith, Walter.....Philadelphia
Soderland, B. I.....Philadelphia
Straughan, Evelyn G.....Philadelphia
Wurtz, Anna.....Philadelphia
Zothe, W. R.....Philadelphia

DESIGNERS (LACE)

Anderson, Florence.....Philadelphia
Ashworth, Handel.....Philadelphia
Bickel, A. Clifton.....Philadelphia
Braid, Mary.....Philadelphia
Brodhead, H. J.....Philadelphia
Carman, Milton.....Philadelphia
Geckler, Viola M.....Philadelphia
Goll, J.....Philadelphia
Hardy, H. W.....Philadelphia
Hermann, F. F.....Philadelphia
Huff, Charles D.....Philadelphia
Inman, R. B.....Philadelphia
Kirmse, F.....Philadelphia
McGinley, J. W., Jr.....Philadelphia
Petzold, A.....Philadelphia
Rosmer, W. J.....Philadelphia
Schnitzler, W. G.....Philadelphia
Siegfried, R.....Philadelphia
Simpson, J. M.....Philadelphia
Stevenson, G. A.....Philadelphia

DESIGNERS (MILLINERY)

Furman, Margaret D. H.....Philadelphia
Lutz, Ella.....New York

DESIGNERS (MUSIC COVER)

Dewey, Alfred.....New York
Ford, Nellie A. Kulling.....Philadelphia

DESIGNERS (OILCLOTH AND LINOLEUM)

Bower, A. L.....Philadelphia
Severns, A. Lincoln.....Camden, N. J.

DESIGNERS AND DECORATORS OF POTTERY

Brinton, Anne H.....Philadelphia
Hinds, J. Donald.....Trenton, N. J.
Heacock, R. A.....Philadelphia
Morris, Frank.....Trenton, N. J.
Temple, Celia.....Oyster Bay, N. Y.
Thumlert, Adaline M.....Philadelphia
Urban, Grace L.....Royersford, Pa.

DESIGNERS (PRINTED STUFFS)

Le Forte, H. B.....New York
Twining, Emma L.....Philadelphia

DESIGNERS (RUGS)

Chadwick, Bertram.....Philadelphia
Fox, Jacob R.....Philadelphia
Gledhill, D. F.....Philadelphia
Goodwin, Howard.....Philadelphia
Haimbach, Charlotte.....Philadelphia
Knox, A.....Philadelphia
Leupold, Harry.....Philadelphia
Rice, Willard M.....Philadelphia
Wilkinson, H. M.....Philadelphia

STAINED GLASS MANUFACTURERS AND DESIGNERS

Browne, F. W. ..... Philadelphia
D'Aszenzo, Niccola ..... Philadelphia
Doriox, Jules ..... Philadelphia
Graur, William ..... Philadelphia
Halleck, P. P. ..... Pittsburgh, Pa.
Hawkins, E. R. ..... Philadelphia
Herbert, Milton Paul ..... Philadelphia
Hoffman, W. E. ..... Philadelphia
Holt, Maria L. ..... Los Angeles, Cal.
Keeler, R. B. ..... New York, N. Y.
Laible, F. ..... Philadelphia
Phillips, Leila ..... Philadelphia
Pierro, Joseph ..... Philadelphia
Reith, F. ..... Philadelphia
Ritter, Elma S. ..... Philadelphia
Stanbro, Anna W. ..... Memphis, Tenn.
Sweeney, Frances Darby .... Philadelphia
Wieder, Frank ..... Philadelphia
Yundt, Carl ..... Philadelphia

STATIONERY DESIGNERS

Buck, Winifred ..... New York
Bussinger, Helen A. ..... Philadelphia
De Vine, Mary V. ..... Philadelphia
Gremson, W. E. ..... Philadelphia
Jennett, Herbert H. ..... Philadelphia
Johns, Helen ..... Philadelphia
Kutz, Elda ..... Philadelphia
Landregan, Jean ..... Philadelphia
McCoy, M. Louise ..... Philadelphia
Pullman, C. W. ..... Philadelphia
Seltzer, G. Allen ..... Philadelphia
Wolfersberger, Rena ..... Philadelphia

TILE AND MOSAIC DESIGNERS

Hinds, Stewart C. ..... Trenton, N. J.
Mueller, William ..... Trenton, N. J.
Meneghetti, Gustavo ..... Philadelphia
Simons, F. W. ..... Philadelphia

UPHOLSTERY DESIGNERS

Mayer, W. B. ..... Philadelphia
Dreyfus, Carrie ..... Philadelphia
Schnell, William ..... Philadelphia
Siegfield, H. ..... Philadelphia

WALL PAPER DESIGNERS

Black, W. A. ..... Philadelphia
Doane, George P. ..... Philadelphia
McAvoy, Gertrude ..... York, Pa.
Seeburger, H. ..... Philadelphia
Shay, H. B. ..... Philadelphia
Walenta, E. J., Jr. ..... Philadelphia

COLORISTS

Bittenbinder, Frank S. ..... Philadelphia
Carpenter, Morley K. ..... Philadelphia
Eddy, Mabel ..... Philadelphia
Francis, W. T. ..... Wilmington, Del.
Gamon, Anne Patterson .... Philadelphia
Hoffman, Alice ..... Philadelphia
Lichten, Francis ..... Philadelphia
McGear, Robert ..... Philadelphia
Park, Alexander ..... Philadelphia
Powers, Edith ..... New York
Sellner, Eudora ..... New York
Stanley, Louise Tuttle ..... Philadelphia
Van Fossen, Edith B. ..... Philadelphia

ILLUSTRATORS (BOOK AND PERIODICAL)

Ayers, Helen ..... Philadelphia
Bailey, Vernon Howe ..... New York
Baker, M. Louise ..... Philadelphia
Bayha, Edwin F. ..... Philadelphia
Bonsall, Mary W. ..... Philadelphia
Boyer, Jane Allen ..... Riverton, N. J.
Bower, Maurice ..... Philadelphia
Brunner, F. S. ..... Philadelphia
Dallett, Dorothea ..... Philadelphia
Day, Helena ..... Philadelphia
Donovan, Mary M. ..... Philadelphia
Everett, Walker Hunt ..... Philadelphia
Fewsmith, Mary H. ..... Camden, N. J.
Garrett, Anna ..... Philadelphia
Kenan, Ophelia ..... Philadelphia
Newton, Ruth E. ..... Philadelphia
Nice, Helen Von S. ..... Philadelphia
Pennell, Joseph ..... Philadelphia
Price, Mary L. ..... Philadelphia
Seal, Ethel Davis ..... New York
Slear, Elias ..... New York
Streator, Sidney V. ..... Chicago
Thatcher, Earl ..... New York
Watson, Agnes M. ..... Philadelphia

ILLUSTRATORS (FASHION JOURNALS AND PAPERS)

Baker, Eleanor	Philadelphia
Justice, Marion	Philadelphia
Hunter Frances	New York
Parry, Anna W	Philadelphia
Rice, Anna	Philadelphia
Snyder, Edith B	Philadelphia
Lemon, Hope	Philadelphia
Snyder, Jean	Philadelphia
Stern, Lena	Philadelphia
Trout, Cecil W	Philadelphia
Wetherald, Jeanette	Philadelphia
Weiser, Helen M	Philadelphia

ILLUSTRATORS (GENERAL COMMERCIAL)

Anderson, Frederick A	Philadelphia
Ayer, Margaret	Philadelphia
Ayers, Helen	Philadelphia
Bailey, R. S.	Philadelphia
Barlow, Nina	Philadelphia
Bauer, Robert	Philadelphia
Beck, R. K	New York
Bittle, Linnaca F	Philadelphia
Blumenthal, M. L	Philadelphia
Booth, T. E.	Philadelphia
Brown, Helen	Philadelphia
Burton, Alfred	Philadelphia
Burton, John	Columbus, Ohio
Chickering, Charles	New York
Caley, Isabelle	Philadelphia
Clement, Joseph	Philadelphia
Clement, W. N	Philadelphia
Coleman, Ralph	Philadelphia
Connor, Byron T	Philadelphia
Davis, A. C	Bedford, Pa.
Dean, F. Earnest	Cleveland, Ohio
De Barthe	Philadelphia
Desch, Frank H	Philadelphia
Dickel, Conrad	Philadelphia
Dolphin, J. C.	Portland, Ore.
Dowling, T. Joseph	Philadelphia
Easton, Spencer	Philadelphia
Engard, Jessie M	Philadelphia
Ewald, Louis	Minneapolis, Minn.
Fahringer, Robert	Wilkes-Barre, Pa.
Feinberg, J	Philadelphia
Fewsmith, Hazeltine	Camden, N. J.
Finley, Edith D	Philadelphia
Fischer, Dorothea	Philadelphia
Frantz, S. M	New York
Frederick, Florence	Philadelphia
Freedley, Elizabeth	Philadelphia
Gardiner, Florence	Philadelphia
Gartland, Louise	Philadelphia
Geibel, Casimir J	Philadelphia
Goodwin, Walter	Philadelphia
Haines, W. Linford	Philadelphia
Halloway, E	Philadelphia
Hart, C. F	Philadelphia
Hawley, E. H	Philadelphia
Henkels, Charles J	Philadelphia
Henning, Ludwig	Johnstown, Pa.
Holmes, Mildred	Philadelphia
Hoopes, Florence	Philadelphia
Hoopes, Margaret	Philadelphia
Humphreys, Laura C	Philadelphia
Humphries, D. H	Philadelphia
Hottinger, W	Philadelphia
Johnson, Margaret P	Philadelphia
Kassel, Philip	Philadelphia
Keenan, John M	Philadelphia
Kelley, Grace G	Philadelphia
Kelman. Benjamin	Philadelphia
Kelser, John	Philadelphia
Ketchura, H	Philadelphia
Keyser, Howard J	Philadelphia
Keyser, William	Philadelphia
Knight, Frederick	Philadelphia
Kraemer, G	Philadelphia
Lachenmeyer, Paul	Philadelphia
La Rossee, H. L	Philadelphia
Lederman, H	Florida
Leopold, L. R	Philadelphia
Lichten, Frances	Philadelphia
Lipman, W	Buffalo, N. Y.
Lupprian, Hildegard	Philadelphia
Lutz, Edwin G	New York
Martino, Modestino	Philadelphia
Milhous, Katharine	Philadelphia
Mohr, William	Philadelphia
Nortenheim, W. S	Philadelphia
Nortenheim, Mrs. Grace H	Philadelphia
Perry Samuel	Philadelphia
Pilsbry, Elizabeth	Philadelphia
Powers, Edith	Philadelphia
Prettie, Edwin J	Philadelphia
Robinson, Margaret A	Philadelphia
Rohland, A	Philadelphia
Ross, L. W	Philadelphia
Schlesinger, Alfred R	New York
Schriver, Morris	Philadelphia
Scott, John G	Tamaqua, Pa.
Sheafer, William	New York
Shettsline, W. J	New York
Simpkins, Velma T	Philadelphia
Skemp, Olive Hess	Syracuse, N. Y.
Stanley, Louise Tuttle	Philadelphia
Starr, Mary T	Trenton, N. J.
Stokes, R. E	Philadelphia

Stuven, Robert.....Philadelphia
Susan, Robert.....Philadelphia
Tedlie, H. E.....Philadelphia
Tompkins, Thomas.....Philadelphia
Walters, Raymond.....New York
Walton, Albert W.....Philadelphia
Weisley, Walter.....Philadelphia
Welsh, H. D.....Philadelphia
Wheatley, John.....Philadelphia
Wheeler, W. J.....Philadelphia
Whiteley, Lilian D.....Chicago, Ill.
Whyte, I. H.....Philadelphia
Wilks, John T.....Philadelphia
Wilson, Pliny J.....Pittsburgh, Pa.
Wolf, G. L.....Philadelphia
Zoll, H.....Philadelphia
Zwick, W. A.....Philadelphia

ILLUSTRATORS (NEWSPAPER)

Anderson, Carl T.....New York
Baer, Arthur.....Washington, D. C.
Corkhill, Robert.....New York
Dale, B. F.....Philadelphia
D'Emo, Leon.....New York
Dunkelberger, Ralph.....Philadelphia
Emerson, C.....Philadelphia
Graeber, J.....Philadelphia
Grant, George A.....New York
Hanlon, L.....Philadelphia
Hark, Gertrude.....Philadelphia
Hoban, W. C.....Philadelphia
Huntington, Barton K.....Philadelphia
Janke, H.....Philadelphia
Keller, C. K.....Philadelphia
Knerr, Harold H.....Philadelphia
Lipman, M. J.....Philadelphia
Maconathy, Jean.....Philadelphia
Moran, Charles.....Philadelphia
Murray, J.....Philadelphia
Napkil, Raymond.....Philadelphia
Newman, George.....Philadelphia
Newman, Howard.....Philadelphia
Penfield, George W.....New York
Reinbold, George.....Williamsport, Pa.
Roller, W. A.....Philadelphia
Rowe, C. H.....New York
Scot, Walter.....Philadelphia
Story, Benjamin, Jr.....Philadelphia
Swoboda, Harry.....Philadelphia
Walgren, A.....Philadelphia

ENGRAVERS (COPPER PLATE)

Bloecker, Chas. J.....Chicago, Ill.
Diehl, J. W.....Philadelphia
Eissler, John.....Philadelphia
Enenbach, J.....Philadelphia
Karulin, Louis.....Philadelphia
Law, Frank.....Philadelphia
McCarthey, John.....Philadelphia
Motteram, W. C.....Philadelphia
O'Neill, S. H.....Philadelphia
Ovington, H. W.....Philadelphia
Pabst, George.....Philadelphia
Reider, A. S.....Philadelphia

ENGRAVERS (STEEL)

Becker, Charles.....Philadelphia
Chappell, Christina.....Philadelphia
Culbertson, E. L.....Philadelphia
Parkhill, David C.....Philadelphia

LITHOGRAPHERS AND LITHOGRAPHIC DESIGNERS

Barsey, E.....Philadelphia
Bowman, C. H.....Philadelphia
Fell, Penrose.....Philadelphia
Forderer, Francis B.....Philadelphia
Grotz, Herman.....Philadelphia
Ketterer, G.....Philadelphia
Klaw, R. F.....Philadelphia
Luttgen, Antoinette.....Philadelphia
Potsdamer, James S.....Philadelphia
Pullinger, Herbert.....Philadelphia
Ricords, Jennie T.....Philadelphia
Roller, Oscar F.....Philadelphia
Smith, J. M.....Philadelphia
Snyder, A. F.....Philadelphia
Spiel, Rudolph.....Philadelphia
Staniszenski, M. A.....Philadelphia
Tenfel, Joseph.....Philadelphia
Winchester, Helen D.....Philadelphia

PHOTO ENGRAVERS

Boehlke, Emil.....Philadelphia
Buhler, J.....Philadelphia
Gillam, Walter.....Philadelphia
Gray, S.....Philadelphia
Magnier, E. C.....Philadelphia
Marcellus, P. B. S.....Philadelphia
Montalvo, J.....Philadelphia
Rembold, George.....Philadelphia
Weeks, E. M.....Washington, D. C.
Weeks, Raymond.....Philadelphia
Winter, H. L.....Philadelphia
Wolf, S. L.....Philadelphia

PHOTOGRAPHERS

Cook, Allen D ... Philadelphia
Dooner, W. J ... Philadelphia
Haesler, Fred C ... Philadelphia
Pearce, Joseph N ... Philadelphia
Sheeter, Chas ... Philadelphia
Teubner, A. F ... Philadelphia

PLATE PRINTERS

Peters, R ... Philadelphia

METAL WORKERS, COPPER, SILVER, ETC.

Andrade, C. P ... Denver, Col.
Ashcroft, C. D ... Philadelphia
Bennett, Fred W ... Philadelphia
Casnett, G. F ... Philadelphia
Colarossi, A. G ... Philadelphia
Fish, William ... Philadelphia
Fryer, J. B ... Chester, Pa.
Knofflock, Julia F ... Mansfield, Ohio
Markle, M ... Philadelphia
Nacke, Karl G ... Philadelphia
Poiesz, C ... Philadelphia
Taylor, Earle ... Philadelphia

IRON WORKERS

Beck, John ... Philadelphia
Becker, Fred ... Philadelphia
Berg, George ... Philadelphia
Bonoventura, Filippo ... Philadelphia
Edwards, Parke ... Bryn Athyn
Gotlieb, M ... Philadelphia
Greger, E. A ... Buffalo, N. Y.
Jaeger, W ... Philadelphia
Matucci, Alfonso ... Philadelphia
Yellin, Samuel ... Philadelphia
Zimmerman, W ... Philadelphia

DIE SINKERS AND ENGRAVERS

Dowling, E ... Philadelphia
Freund, Rudolph ... Philadelphia
Frank, Herman ... Philadelphia
Kelly, W. H ... Philadelphia
Lau, F ... Philadelphia
Parkinson, Walter C ... Philadelphia
Putnam, William ... Philadelphia
Roselike, Otto ... Philadelphia
Schilling, Emil ... Philadelphia

MEDALIST

Sinnock, John R ... Philadelphia

JEWELERS

Davison, B. F ... Philadelphia
Fass, G ... Philadelphia
Lynch, F ... Philadelphia

MODELERS (ARCHITECTURAL TERRA COTTA AND PLASTER)

Belotti, Salvador ... Philadelphia
Destelbach, C ... Philadelphia
Finn, John C ... Philadelphia
Fiske, Helen S ... Philadelphia
Froehlich, M. L ... Harrisburg, Pa.
Lutz, Ernest ... Philadelphia
Marenzana, Emilio ... New York
Mayer, Fred. E ... New York
Mayer, Mary S ... New York
Howell, Silas ... New York
Profetti, Gervine ... Philadelphia
Simons, A. C ... Paris, France
Ward, Thomas ... Philadelphia

MODELERS (CARVED LEATHER)

Barron, R. F ... Philadelphia
Schmidtmeir, W ... Philadelphia
Toner, John ... Philadelphia
Tully, Miles ... Philadelphia

MODEL MAKERS

Cornwall, Frank ... Philadelphia
Guilfuss, P. J ... Philadelphia
Hoopes, Joseph D ... Philadelphia
Martin, C ... Philadelphia

MOSAIC WORKERS

Menewhetti, Gustavo.....Philadelphia
Vellozzi, Salvatore.....Philadelphia

SEAL ENGRAVERS

Frick, Fred.....Philadelphia

MECHANICAL DRAUGHTSMEN AND DRAUGHTSWOMEN

Allison, Dorothy.....Philadelphia
Armen, Bertha.....Philadelphia
Barker, B.....Philadelphia
Brenneman, Blanche S.....Philadelphia
Chase, Isabelle.....Philadelphia
Copenhafer, T. A.....Philadelphia
Davis, R. D.....Philadelphia
Doremus, Alma.....Philadelphia
Eggeling, F. W.....Philadelphia
Flynn, Claire.....Philadelphia
Frambo, R. T.....Philadelphia
Gentel, H. S.....Philadelphia
Griggs, Edith.....Philadelphia
Hallowell, Elsie.....Philadelphia
Hart, Ethel.....Philadelphia
Hart, Miriam.....Philadelphia
Heald, H. P.....Philadelphia
Heineman, H. B.....Philadelphia
Hess, Solomon.....Philadelphia
Hickman, Charles D.....Philadelphia
Higgins, Joseph R.....Philadelphia
Hinds, Stewart.....Trenton, N. J.
Hope, H. F.....Philadelphia
Hutchinson, J. R.....Philadelphia
Jackson, Walter H.....Philadelphia
Kepp, Charles.....Camden, N. J.
Kier, G. L.....Philadelphia
Knoll, Max.....Philadelphia
Lenhard, Anne W.....Philadelphia
Lindsay, Rita.....Philadelphia
Lotz, W.....Philadelphia
Lutz, Marion.....Coatesville, Pa.
MacNally, T. R.....Philadelphia
Martin, E. W.....Philadelphia
McCloskey, Mary E.....Philadelphia
Mercer, Fred T.....Philadelphia
Meyers, C. H.....Philadelphia
Miller, A. B.....Philadelphia
Miller, J. W.....Philadelphia
Moore, Lola.....Philadelphia
Morse, Ruth.....Philadelphia
Mosley, Marie.....Philadelphia
Moyer, Madeleine C.....Philadelphia
Murphy, Helen.....Philadelphia
Oram, Helen.....Philadelphia
Paine, Elizabeth.....Philadelphia
Paine, Jay H.....Philadelphia
Randley, H. T.....Philadelphia
Riskin, Anna.....Philadelphia
Ryan, H.....Philadelphia
Sharp, Janette.....Philadelphia
Sheafer, Morris.....Philadelphia
Shott, Jeanette.....Philadelphia
Skillton, W. A.....Philadelphia
Stein, Norma.....Philadelphia
Stewart, C. G.....Philadelphia
Thompson, Manning.....New York
Tomlinson, Clare.....Philadelphia
Underdown, Edna.....Philadelphia
Wardwell, Louise.....Philadelphia

MECHANICAL ENGINEERS

Dalton, H. H.....Philadelphia
Hellyer, W. R.....Philadelphia
Jellett, Stewart A.....Philadelphia
Rinker, H. S.....Philadelphia

LANDSCAPE GARDENERS

Blotz, Clara.....Philadelphia
Hoover, D. D.....Philadelphia
Lee, Elizabeth L.....Philadelphia

TEACHERS (DIRECTORS AND SUPERVISORS OF ART EDUCATION)

Aldrich, W. S.....Potsdam, N. J.
Anderson, Katherine...Woodbury, N. J.
Anderson, Sue E...New Providence, Pa.
Balderston, Anne.....Philadelphia
Barilla, John J.....Phillipsburg, N. J.
Bishop, Nell D.....Red Oak, Iowa
Black, Roberta.....La Grange, Ga.
Boyle, Dorothy.....Ambler, Pa.
Brinton, Florence E.....Media, Pa.
Bush, Theodora.....Lower Merion, Pa
Clayton, Cora.....Ogden, Utah
Clegg, Florence.....Philadelphia
Conover, Lora M.....Millville, N. J.
Day, Harriet.....Denver, Colo.
Earley, E. J.....Philadelphia
Gray, W. F.....Philadelphia
Hamilton, George T.....Detroit, Mich.
Hogan, Mary H.....Harrisburg, Pa.

Howard, Harriet S. . . . . Chester, Pa.
Hyle, Carl C. . . . . Philadelphia
Jacbobs, Isabel. . . . . Philadelphia
Jackson, Charles. . . . . Camden, N. J.
Jenkins, Hannah S. . . . . Mansfield, Pa.
Kerr, Edna M. . . . . Woodbury, N. J.
Leaw, Grace Paul. . . . . Philadelphia
Marshall, Mary E. . . . . Philadelphia
Mason, William. . . . . Philadelphia
Meyer, Frederic C. W. . . . . California
Miller, Alice T. . . . . Philadelphia
Mohler, Edna. . . . . Harrisburg, Pa.
Newbold, Anna M. . . . . Berwyn, Pa.
Newlin, Archoline. . . . . Bryn Mawr, Pa.
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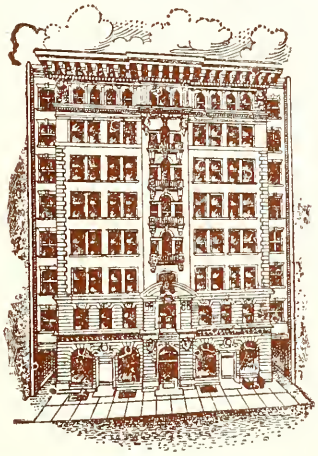

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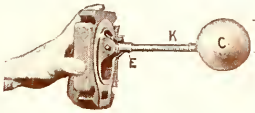

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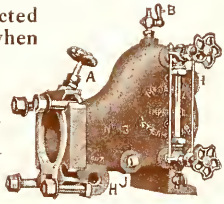

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